

ABSTRACT

AIN based methods and apparatus for
transitioning telephone numbers and customers from the
5 PSTN to a VOIP network are described. AIN line number
portability features are used to allow a few gateway
switches that interconnect the PSTN and VOIP networks to
service customers whose telephone numbers were originally
serviced by several remote PSTN switches. AIN LNP
10 triggers are used to forward PSTN calls, directed to the
PSTN switch previously used to service a telephone
number, to the gateway switch assigned to route such
calls to the IP network. AIN triggers set at the gateway
switch insure that the subscriber with the ported
15 telephone number continues to receive AIN services
provided before the telephone number was ported to the IP
network. Calls from ported telephone numbers to
telephones in the PSTN are billed from PSTN switches
through the use of AIN functionality and triggers set at
20 the gateway switch.